

NAVAL METEOROLOGY AND OCEANOGRAPHY ISR

PROVIDING AN ASYMMETRIC WARFIGHTING ADVANTAGE



Intelligence, Surveillance and Reconnaissance: The Naval Meteorology and Oceanography Command collects and disseminates environmental data providing direct support to the Intelligence Community and warfighters, such as special operations forces and expeditionary strike groups.

The command's data collection capabilities are far-reaching – collection platforms, such as ships, buoys, satellites, gliders, UAVs and AUVs can retrieve ISR data worldwide, even in remote and denied areas.

Naval Meteorology and Oceanography Command contributions to Intelligence, Surveillance and Reconnaissance.

- Meso- and micro-scale oceanography and meteorology.
- Long-range forecasting of oceanographic conditions critical to the Intelligence Community.
- Collection and analysis of environmental data that is an important part of Intelligence Preparation of the Battlespace (IPB).
- Target Area METOC (TAM) analysis.
- Better characterization of littoral ocean areas and special operation and expeditionary warfare support through Surf Eagle, which processes intelligence data to produce materials tailored for the warfighter.
- Comprehensive network of sensors for collecting data from all areas of the world – from the oceans to atmosphere. Collection platforms include AUVs, UUVs, towed sensors, gliders, survey ships, launches, buoys and satellites.
- Computing power, models and high-quality imagery for integration and real-time dissemination of ISR to Intelligence Community and warfighter commands.
- Personnel deployed in-theater or remotely to collect, process, analyze and interpret intelligence data in coordination with Intelligence Community.

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